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10/821,121	04/08/2004	Jeffrey B. Levering	N0389.70009US01	8205
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Randy J. Pritzker Wolf, Greenfield & Sacks, P.C. 600 Atlantic Avenue Boston, MA 02210				
EXAMINER				
BIBBEE, JARED M				
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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/821,121

Applicant(s)

LEVERING ET AL.

Examiner

JARED M. BIBBEE

Art Unit

2161

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 October 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 18, 20-29, 35, 37-46, 52-54, 61, 62, 64, 66, 67, 69, 73 and 75 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 18, 20-29, 35, 37-46, 52-54, 61, 62, 64, 66, 67, 69, 73 and 75 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-840)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Amendment

1. This Office Action has been issued in response to amendment filed on 19 October 2009. Claims 1-17, 19, 30-34, 36, 47-51, 55-60, 63, 65, 68, 70-72, and 74 are cancelled. Claims 18, 20-29, 35, 37-46, 52-54, 61, 62, 64, 66, 67, 69, 73, and 75 are pending. Applicants' arguments have been carefully and respectfully considered in light of the instant amendment and are persuasive, as they relate to the claim rejections under 35 U.S.C. 103. However, after further search and consideration, Examiner has found additional prior art, as will be discussed below. Accordingly, this action has been made NON-FINAL.

Continued Examination Under 37 CFR 1.114

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 10/19/2009 has been entered.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 18, 20-29, 35, 37-46, 52-54, 61, 62, 64, 66, 67, and 69 are rejected under 35 U.S.C. 103(a) as being unpatentable over Burakoff et al (US 6,122,635), in view of Cole et al (US 7,451,232 B1), and further in view of Johnson (US 2002/0107847 A1).

As to claim 18, Burakoff clearly teaches at least one computer-readable medium having instructions encoded thereon, which instructions, when executed by a computer system, perform a method comprising acts of:

- (A) identifying, within an item of compliance information delimited by a start point and an end point, a particular data element (*see column 9, lines 49-62 and column 10, lines 10-28; Note that the compliance information stores an index/unique ID which associates each compliance information with its source location (i.e. Security). Note that the security serves as the source location because it is the place/document where the compliance information was identified using start and end tags (see column 6, lines 23-29).*), the identifying comprising employing at least one parameter relating to the data element's appearance within the item of compliance information (*see column 6, lines 23-29; Note that the start and end line markings are parameters that define the start of desired information and the end of desired information.*); and
- (B) storing an indication of the source location and a representation of the data element (*see column 9, lines 49-62 and column 10, lines 10-28; Note that the compliance information is stored on hard disk on a server via the internet and the index, which associates the compliance information back to the source security is located within each compliance information.*).

Burakoff does not appear to explicitly disclose identifying, within an item of compliance information, a source location that excludes the start point and the end point.

However, Cole teaches identifying, within an item of compliance information, a source location that excludes the start point and the end point (*see column 4, line 65 through column 5, line 2*).

At the time of the invention, it would have been obvious to one of ordinary skill in the art, having the teachings of Burakoff and Cole before him or her, to modify the teachings of Burakoff to include the identification of source location within an item of information as taught by Cole for the purpose of efficiently exchanging of data between application programs (*see column 1, lines 45-50*).

Burakoff and Cole does not appear to explicitly disclose:

- (C) presenting to a user the representation of the data element in a data structure other than the item of compliance information in a manner which visually informs the user that the data element may be retrieved at the source location;
- (D) receiving a request, from the user viewing the representation of the data element in the data structure other than the item of compliance information, to retrieve the data element at the source location; and
- (E) employing the indication of the source location to retrieve the data element at the source location.

However, Johnson teaches presenting to a user the representation of the data element in a data structure other than the item of compliance information in a manner which visually informs the user that the data element may be retrieved at the source location (*see [0040]*; *Note that*

within a web browser's search results (file other than the source file) Johnson creates hyperlinks to the actual source file. The hyperlinks, which visually enhance the text (data element), are visual queues that signal to the user he/she may click on the link to retrieve the source file.).

Johnson also teaches receiving a request, from the user viewing the representation of the data element in the data structure other than the item of compliance information, to retrieve the data element at the source location *(see [0040]; Note that Figures 10-12 show various ways in which hyperlinks can be displayed. Johnson discloses receiving a query from a user and based on the query the system generates results with embedded hyperlinks to the actual source file. The user is able to click on the hyperlink in order to retrieve the full text (data element) from the source file.); and employing the indication of the source location to retrieve the data element at the source location (see [0040]; Note that Figures 10-12 show various ways in which hyperlinks can be displayed. Johnson discloses receiving a query from a user and based on the query the system generates results with embedded hyperlinks to the actual source file. The user is able to click on the hyperlink in order to retrieve the full text (data element) from the source file.).*

At the time of the invention, it would have been obvious to one of ordinary skill in the art, having the teachings of Burakoff, Cole, and Johnson before him or her, to modify the teachings of Burakoff and Cole to include the user request for data from a source location using hyperlinks of Johnson for the purpose of developing a search engine capable of returning a graphical representation of web sites *(see [0009]).*

Therefore, it would have been obvious to combine Johnson with Burakoff to obtain the invention as specified in the instant claims.

As to claim 20, Burakoff clearly teaches the limitation of the parameter is provided in a data structure which is accessed by the set of programmed instructions (*see column 3, lines 31-37; Note that the file server is the data structure.*).

As to claim 21, Burakoff clearly teaches the at least one parameter identifies text which accompanies the data element within the source location (*see column 3, lines 46-49*).

As to claim 22, Burakoff clearly teaches the limitation of at least one parameter identifies text which represents the data element. (*see column 3, lines 46-49*).

As to claim 23, Burakoff clearly teaches the limitation of the set of programmed instructions identifies the source location by preliminarily identifying the source location, requesting input from a user as to whether the source location is preliminarily identified correctly, and processing the input to identify the source location (*see column 7, lines 51-67 through column 8, lines 1-14*).

As to claim 24, Burakoff clearly teaches the limitation of the act of processing the input further comprises updating a characteristic of the data element (*see column 8, lines 9-11; Note that the system operator specifies the end number. The end number being a characteristic in that it defines where a item ends.*).

As to claim 25, Burakoff clearly teaches the limitation of the item of compliance information comprises a plurality of characters including a first character (*see column 3, line 25; Note that the start line inherently has a first character.*), and the source location is identified by a number of characters from the first character (*see column 3, line 25-27; Note that the end line is a given number of characters away from the start line's first character.*).

As to claim 26, Burakoff clearly teaches the limitation of the first character is at the beginning of the item of compliance information (*see column 3, line 25; Note that the start line can be any line within the file and that includes the first line in the file.*).

As to claim 27, Burakoff clearly teaches the limitation of the data structure comprises a plurality of lines of information including a first line of information (*see column 3, line 25; Start Line*), and the source location is identified by a number of lines from the first line of information (*see column 3, line 25-27; Note that the end line specifies the number of lines from the start line is identified as desired text.*).

As to claim 28, Burakoff clearly teaches the limitation of the first line of information is at the beginning of the item of compliance information (*see column 3, line 25; Note that the start line can be any line within the file and that includes the first line in the file.*).

As to claim 29, Burakoff clearly teaches the limitation of the data structure comprises a plurality of pixels arranged in a grid containing rows and columns (*see column 5, lines 28-31; Note that Burakoff discloses a general purpose computer for carrying out the invention. The computer comprises a display. It is inherent that the display is presenting the files to the user through computer screen and it is also inherent that the computer screen is made of rows and columns of pixels.*), and the source location is identified by a pixel found at an intersection of a row and a column (*Note that since the file is being presented using the display in order for the user to view the identified desired text, it is inherent that the starting line and ending line for the desired text would have a pixel location on the screen.*).

As to claims 35 and 37-46, these claims are system claims corresponding to the computer-readable medium claims 18 and 20-29 respectively, and are rejected for the same reasons set forth in the rejection of claim 18 and 20-29 above.

With respect to independent claim 52, Burakoff teaches a method of accessing at least one data element stored at a source location, the method comprising acts of:

- (A) receiving a request from a user to access the at least one data element at the source location, the source location comprising a portion of an item of compliance information, the item of compliance information being delimited by a start point and an end point, containing the at least one data element (*see column 9, lines 49-62 and column 10, lines 10-28; Note that the compliance information stores an index/unique ID which associates each compliance information with its source location (i.e. Security). Note that the security serves as the source location because it is the place/document where the compliance information was identified using start and end tags (see column 6, lines 23-29).*), the source location having been previously identified via an execution of a set of programmed instructions employing at least one parameter relating to the data element's appearance within the item of compliance information to identify the source location, the execution of the set of programmed instructions further causing a storing of an indication of the source location (*see column 1, lines 64-67 through column 2, lines 1-3 and column 3, lines 15-28; Note that the start and end line markings are parameters that define the start of desired information and the end of desired information.*);

- (B) retrieving an indication of the source location from electronic file storage (*see column 2, lines 4-26*);
- (C) processing the indication to access the source location (*see column 2, lines 27-37*);
and
- (D) presenting the at least one data element stored at the source location to the user (*see column 9, lines 30-40 and lines 51-53*).

Burakoff does not appear to explicitly disclose identifying, within an item of compliance information, a source location that excludes the start point and the end point.

However, Cole teaches identifying, within an item of compliance information, a source location that excludes the start point and the end point (*see column 4, line 65 through column 5, line 2*).

At the time of the invention, it would have been obvious to one of ordinary skill in the art, having the teachings of Burakoff and Cole before him or her, to modify the teachings of Burakoff to include the identification of source location within an item of information as taught by Cole for the purpose of efficiently exchanging of data between application programs (*see column 1, lines 45-50*).

Burakoff and Cole do not appear to explicitly disclose the request being received from a user viewing a representation of the data element in a file other than the source file.

However, Johnson teaches the request being received from a user viewing a representation of the data element in a file other than the source file (*see [0040]*; *Note that Figures 10-12 show various ways in which hyperlinks can be displayed. Johnson discloses receiving a query from a user and based on the query the system generates results with*

embedded hyperlinks to the actual source file. The user is able to click on the hyperlink in order to retrieve the full text (data element) from the source file.).

At the time of the invention, it would have been obvious to one of ordinary skill in the art, having the teachings of Burakoff, Cole, and Johnson before him or her, to modify the teachings of Burakoff and Cole to include the user request for data from a source location using hyperlinks of Johnson for the purpose of developing a search engine capable of returning a graphical representation of web sites (*see [0009]*).

Therefore, it would have been obvious to combine Johnson with Burakoff to obtain the invention as specified in the instant claims.

The examiner is interpreting the computer-readable medium, according to applicant's specification, as non-volatile recording medium, floppy disk, flash memory, or any other suitable tangible medium. Burakoff clearly teaches the computer-readable medium in column 5, lines 39-50.

As to claim 53, this claim is a computer-readable medium claim corresponding to the method claim 52 respectively, and is rejected for the same reasons set forth in the rejection of claim 52 above.

As to claim 54, this claim is a system claim corresponding to the method claim 52 respectively, and is rejected for the same reasons set forth in the rejection of claim 52 above.

As to claim 61, Burakoff further teaches the act (D) further comprises retrieving the item of compliance information (*see column 6, lines 23-29 and column 10, lines 10-28*).

As to claim 62, Johnson further teaches the file other than the item of compliance information is a web page (*see [0040]*).

As to claim 64, Burakoff further teaches the act (B) further comprises storing the indication of the source location in electronic file storage (*see column 3, lines 20-33*).

As to claims 66, 67, and 69, these claims are system claims corresponding to the computer-readable medium claims 61, 62, and 64 respectively, and are rejected for the same reasons set forth in the rejection of claims 61, 62, and 64 above.

5. Claims 73 and 75 are rejected under 35 U.S.C. 103(a) as being unpatentable over Burakoff et al (US 6,122,635), in view of Cole et al (US 7,451,232 B1), in view of Johnson (US 2002/0107847 A1), and further in view of Carnahan et al (US 7,212,996 B1).

As to claim 73, note the discussion of claim 18 above, Burakoff, Cole, and Johnson disclose all of the elements of claim 18 but fail to explicitly recite the item of compliance information is a prospectus for a mutual fund.

However, Carnahan teaches the item of compliance information is a prospectus for a mutual fund (*see column 1, lines 13-38 and column 4, lines 12-25*).

At the time of the invention, it would have been obvious to one of ordinary skill in the art, having the teachings of Burakoff, Cole, Johnson, and Carnahan before him or her, to modify the teachings of Burakoff, Cole, and Johnson to include the search corpus of mutual funds of Johnson for the purpose of developing a search engine capable of returning a mutual fund web sites (*see column 1, lines 13-38*).

Therefore, it would have been obvious to combine Carnahan with Burakoff, Cole, and Johnson to obtain the invention as specified in the instant claims.

As to claim 75, claim 75 is a system claim corresponding to the computer-readable medium claim 73 and is rejected for the same reasons set forth in the rejection of claim 73 above.

Response to Arguments

Applicant's arguments with respect to claims 18, 20-29, 35, 37-46, 52-54, 61, 62, 64, 66, 67, 69, 73, and 75 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to JARED M. BIBBEE whose telephone number is (571)270-1054. The examiner can normally be reached on IFP.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Apu Mofiz can be reached on 571-272-4080. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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/Jared M Bibbee/
Examiner, Art Unit 2161

/Etienne P LeRoux/
Primary Examiner, Art Unit 2161